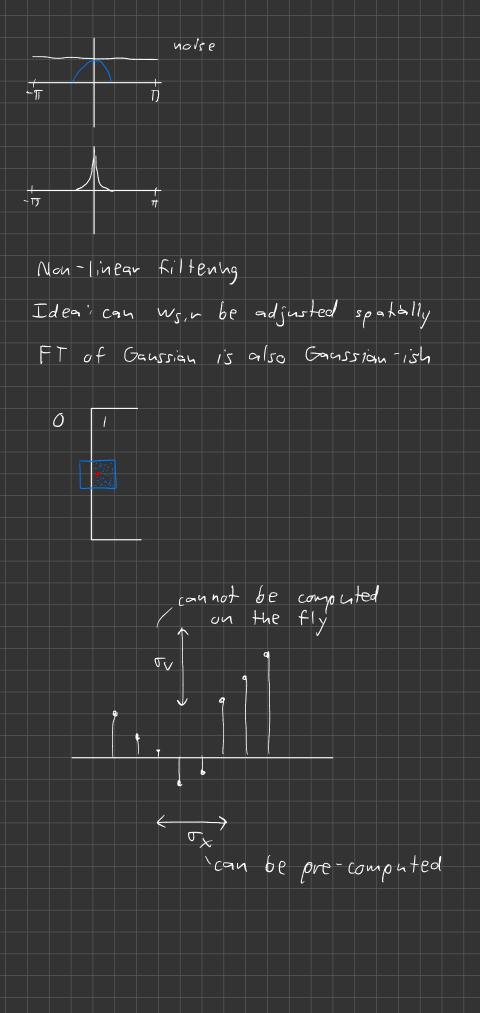
Bilateral filter					
	How to pick these				
people use = 5 Ws.	Linear, Space-Varying	ASSEMBLED TO THE STATE OF THE S			
a industry	ocight = 1 = 1 = thet	meneralement suuri partie pietei partie p			
	ocigat simple that	'are			
Wsin should be	lerge sorpizers				
Wsin should be lenge Son pixels the Tave Who should be lenge Son pixels the Tave a) Close in space a) Close in value					
•					
$Y_s = \sum w_{s-r} \times_r - LsI$					
difference					

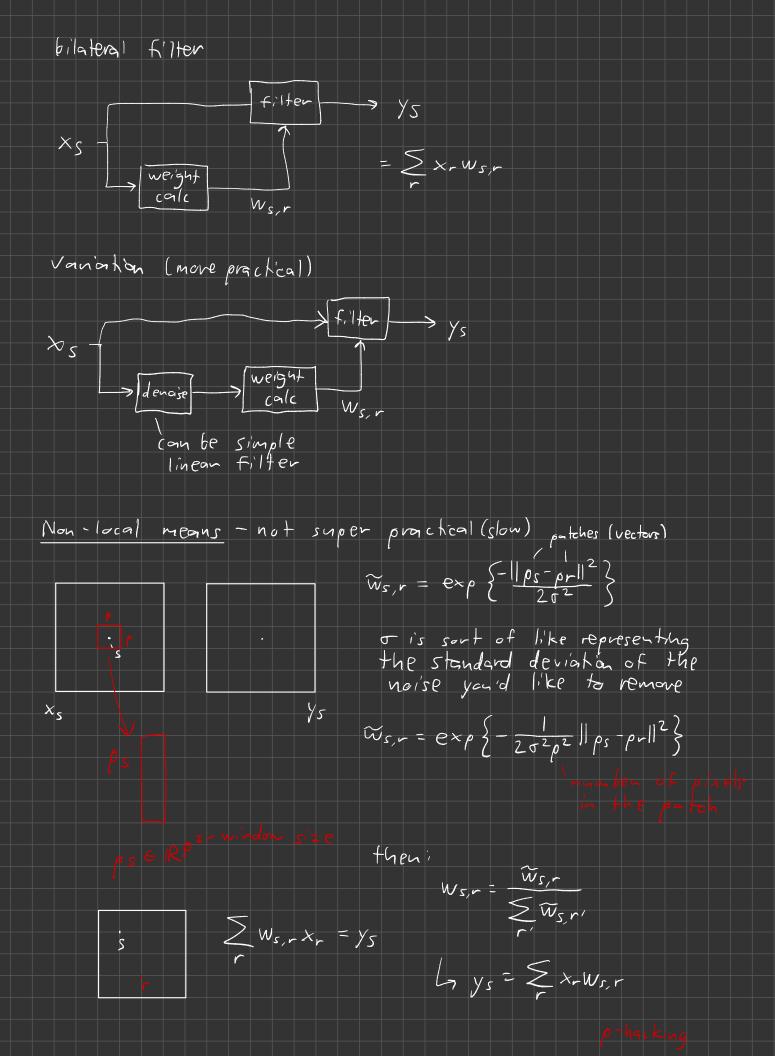
bilateral fiften	again to propose and definition comes are accommon proper only a service of a rest of the comes	weighting the	nat is depende	ent
spatial +	Cilter .	·	gray levels	
$W_{s,n} = \exp \{-\frac{1}{2} 1/5 - \frac{1}{2} \}$	n/12 } es	4/-1.	/X5-Xn/	
A	lur jù		blun in	lim/ Led to pixels the
70 1. sp	ace		value	are close
$W_{s,n} = \frac{\alpha}{-\alpha}$)s,n	e - normaliz	zation	
	Wa, n' wha	t is x'??		
Ys = ZXn	Ws, n			
EDGE Pres	erving			
will not average ove	r edges			

Time-invariant if
$$w_{i,j} = h_{i,j}$$
 for some h

$$W = \begin{cases} 0 & b & \cdots \\ & & - \text{Toeplitz} \end{cases}$$

$$V_s = \sum_{i=1}^{N} w_s \cdot x_r = \sum_{i=1}^{N} x_s \cdot x_r \cdot x$$





	local state (chain leg	is his tend to	repeat hes, etc)
could also Imit +	the search w	indon size	
t(so) 3M3D			
-software is only -includes selecting	'ne patches, 30	FT's etc	
Non-local means 3 BM3D	best un-trained		
Deep Neuml Net - DNCNN			